



“A Training Center for operations in mountainous, high altitude, and cold weather environments.”

MCMWTC Training Program

Catalog

May 2012

Purpose: To convey detailed information on the Marine Corps Mountain Warfare Training Center’s mission, formal schools courses, and unit training programs.

UNCLASSIFIED



Marine Corps Mountain Warfare Training Center Pickel Meadow, California

*Premier DOD-unique training center that integrates 62K acres of **complex, compartmentalized, mountainous terrain & high-altitude** training between 7-11K feet.*



Terrain, weather & altitude challenge MAGTF elements in the conduct of operations across the six (6) warfighting functions.

UNCLASSIFIED



Mission

The Marine Corps Mountain Warfare Training Center, as a major subordinate element of Marine Air Ground Task Force Training Command, and with support from Marine Corps Installations - West, **conducts unit and individual training courses to prepare USMC, Joint, and Allied Forces for operations in mountainous, high altitude and cold weather environments in support of the Regional Combatant Commanders.** Additionally, MCMWTC provides support to Marine Corps Combat Development Command; Training and Education Command; Marine Corps Systems Command; and other USMC and DOD agencies engaged in the development of warfighting doctrine and specialized equipment for use in mountain and cold weather operations.



“First, the MAGTF’s effectiveness in complex terrain must be qualitatively improved.”

Gen James T. Conway, Commandant of the Marine Corps, Marine Corps Vision and Strategy 2025, June 2008

UNCLASSIFIED



Mountain Warfare Unit Training Programs

UNCLASSIFIED



MOUNTAIN EXERCISE (MTNEX) FY 13 (6)

Purpose: Per the Marine Corps Mountain Warfare Operations Training and Readiness Manual, train elements of the MAGTF across the warfighting functions for operations in complex, compartmentalized, and mountainous terrain utilizing military mountaineering skills in order to enhance a unit's ability to shoot, move, communicate, sustain, and survive in mountainous environments.



UNCLASSIFIED

MCMWTC Training Venues

B-17



NAS
Fallo

~53 mi

Ryan
Canyon

Rocket

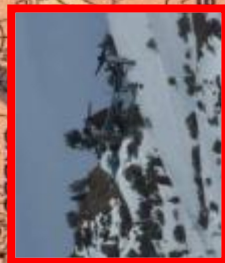
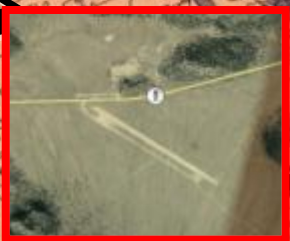


HWAD



Mt
Graham

SWEETWATER
AIRSTRIP



Lucky Boy
Pass

~60 mi

~90 mi

MWTC



MTNEX Phases

- Phase I: Preperation and Deployment
 - SMLC, WMLC, MSSC, MCCCC, CWM, MMed, MOSPC, ANPK, and Survival
 - Scout Skier and Assault Climber satellite courses
 - PET
- Phase II: Shaping
 - Basic Mobility
- Phase III: Decisive Action (FEX)
- Phase IV: SASO/HWAD
- Phase V: Redeployment

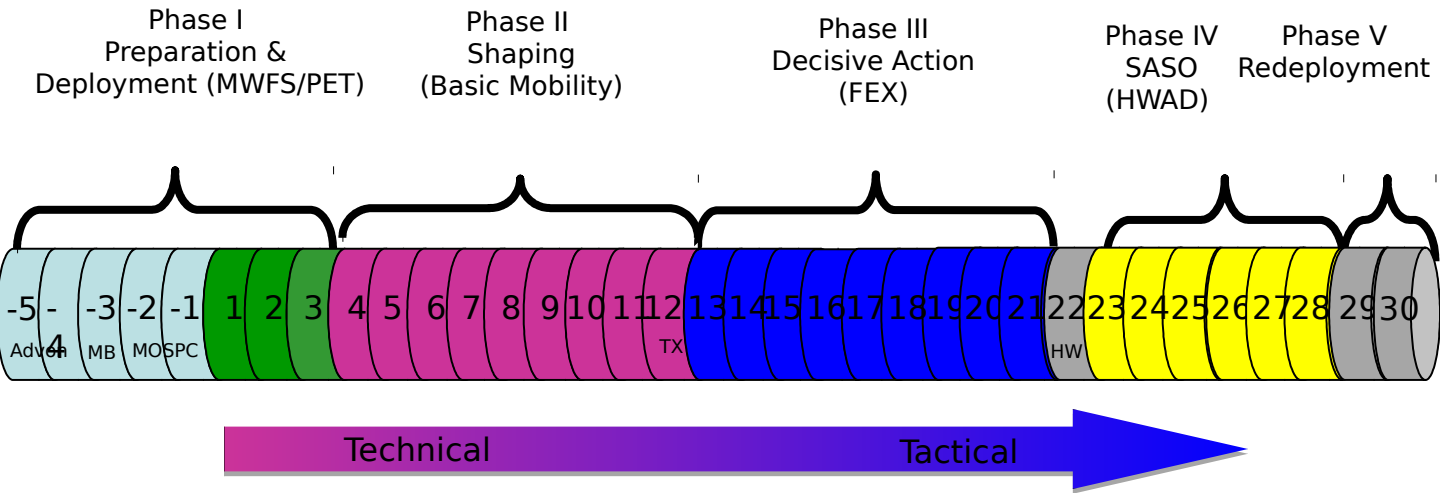


35 day training package

UNCLASSIFIED



Phases (6 x MTNEX / FY)



I Formal Schools

Summer Mountain Leader Course
Winter Mountain Leader Course
Mountain Scout Sniper Course
Mountain Medical Course
Cold Weather Medical Course
Animal Packer Course
Mountain Ops Staff Planning Course
Mountain Communications Course
Mountain Survival Course

Phase I Pre-Environmental Training

- Mountain/Cold weather leadership
- Mountain Safety
- Mountain Weather
- Mountain Health Awareness
- Personal Clothing and Equip
- Warfighting Load Requirements
- Snowshoes Movement (Winter)
- Bivouac Routine
- MCWIK - (Winter)
- Avalanche Awareness (Winter)
- Route Planning
- Mountain Movement Techniques
- Navigation in the Mountains
- CASEVAC Considerations
- Weapons and Optics Considerations

Phase II Basic Mobility

- Survival
- Survival Fires
- Water Procurement
- Expedient Shelters
- Survival Navigation
- Survival Signaling
- Avalanche Search Procedures (Winter)
- The Squad Tent & Stove (Winter)
- Land Navigation
- Over the Snow Mobility (Winter)
- Negotiate Snow and Ice Covered Obstacles (Winter)
- Sled Employment (Winter)
- Movement Over Rough Terrain
- Skiing (Winter)
- TRST Skills (negotiate horizontal and vertical obstacles)

Phase III Company Tasks

- Occupy an Area / Establish a Defense
- Conduct a Patrol
- Conduct a Raid
- Conduct COIN Operations
- Conduct Security Ops
- Conduct a Cordon and Search / KLE
- Move on Rough Terrain / TRST
- Conduct Counter-IED Ops
- Establish an Overwatch / SBF
- Conduct Intelligence Ops / TSE
- React to a Meeting Engagement
- Water obstacle crossing
- Process a Casualty
- Conduct a Link Up
- Conduct Convoy / Motorized Ops
- Conduct an Attack (Day / Night)
- Conduct Urban Ops
- Conduct C2
- Conduct Maneuver
- Conduct Sustainment
- Conduct Fire Planning
- Conduct Force Protection

Phase IV Battalion Tasks

- Conduct Staff Planning
- Conduct Offensive Operations
- Conduct Defensive Operations
- Conduct Intel / TSE
- Operate the FSCC
- Conduct Fire Spt Coord
- Conduct Tactical Logistics
- Conduct MOUT Ops

Phase IV HWAD

- Includes Plt (REIN) LF and Maneuver
- Co CIED lane training
- Co MOUT
- CSW LF
- Convoy Ops
- Conduct Security Operations

UNCLASSIFIED



MTNEX

Marine Corps

Tasks

- MCT 1.1.2 Provide Task Organized Forces
- MCT 1.3.3.3 Conduct Aviation Ops from Expeditionary Sites
- MCT 1.3.4 Conduct Assault Support Ops
- MCT 1.3.4.1 Conduct Combat Assault Transport
- MCT 1.4.1 Conduct Mobility Operations
- MCT 1.4.1.5 Conduct Clearance Operations
- MCT 1.6.1 Conduct Offensive Operations
- MCT 1.6.1.1 Conduct a Movement to Contact
- MCT 1.6.3.1.11 Interdict an Enemy Force
- MCT 1.6.3.2.3 Occupy an area
- MCT 1.6.4 Conduct Defensive Operations
- MCT 1.6.6.9 Conduct Stability Operations
- MCT 1.6.8 Conduct Counter-Insurgency (COIN) Operations
- MCT 1.6.9 Conduct Mountain Operations
- MCT 1.8.3 Conduct Sensitive Site Exploitation
- MCT 2.2 Collect Data and Intelligence
- MCT 2.2.9 Conduct Reconnaissance and Surveillance
- MCT 2.2.5.2 Conduct Air Reconnaissance
- MCT 3.2 Attack Targets
- MCT 3.2.3.1 Conduct Offensive Air Support
- MCT 4.6.3 Provide Airfield Operation Services
- MCT 5.2 Prepare Plans and Orders
- MCT 5.3.1.2 Exercise Tactical Command and Control
- MCT 5.3.3.3 Establish Forward Operating Services
- MCT 5.5.1 Integrate and Operate with Joint/Combined Forces
- MCT 6.1.1 Conduct Active Security
- MCT 6.1.1.3 Conduct Base Defense

UNCLASSIFIED



MTNEX OEF PTP

(Block II & III)

- Resiliency / Combat Conditioning
- Conduct Offensive Operations
- Conduct Defensive Operations
- Conduct COIN/Stability Operations
- Conduct Joint/Coalition Operations
- CIED Training
 - MCEC CIED Training (MLFs 1, 2, 3A, 4A, 4B, 6, 7)
 - Individual Preparedness in an IED Environment
 - Small Unit Leader Considerations for Movement in an IED Environment
 - Metal Detector Operators Course
 - Metal Detector Leaders Course
 - Robot Operators Course
 - HME
 - Mounted and Dismounted CIED Lanes
 - CREW (Guardian System) equipment
 - Man-portable (Guardian System)
 - Mine Roller training/prac app
- Conduct Aviation Operations
 - Assault Support
 - Close Air Support
 - SIMCAS
 - CDS Drop
 - ISR
 - Surrogate UAS (Pelican)
 - MUSE
 - MC-12

- Mounted Operations
 - ESD supported Co Set of Equipment
 - UAH, MTRVs, Mine Rollers, CREW, BFT
 - Convoy lanes / Rough Terrain Driving
 - CIED Lanes
- Exercise Command and Control
 - UOC - CAPSET III (Regt)
 - UOC - CAPSET IV (Bn)
 - HW = HF, UHF, VHF, and SATCOM
 - SW = Marine Link, CPOF, C2PC, SPARK
 - EXCON Staff - Director, Operations Chiefs/Planners, Intel, and C4I Planner
 - ExCon link to MCTOG / MISTC / MCTSSA
 - GBOSS - GBOSS Lite and Ceribus Lite systems and contractor training
- Combined Arms Live Fire
 - HWAD Ranges
 - Co Combined Arms Attacks
- Survival
- Law of War / ROE / EOF
- Information Operations
- Tactical Site Exploitation (TSE)
- Operational Culture (Afghanistan)
 - Cultural Awareness
 - Key Leader Engagement
 - Role Players (Cultural / ACF)

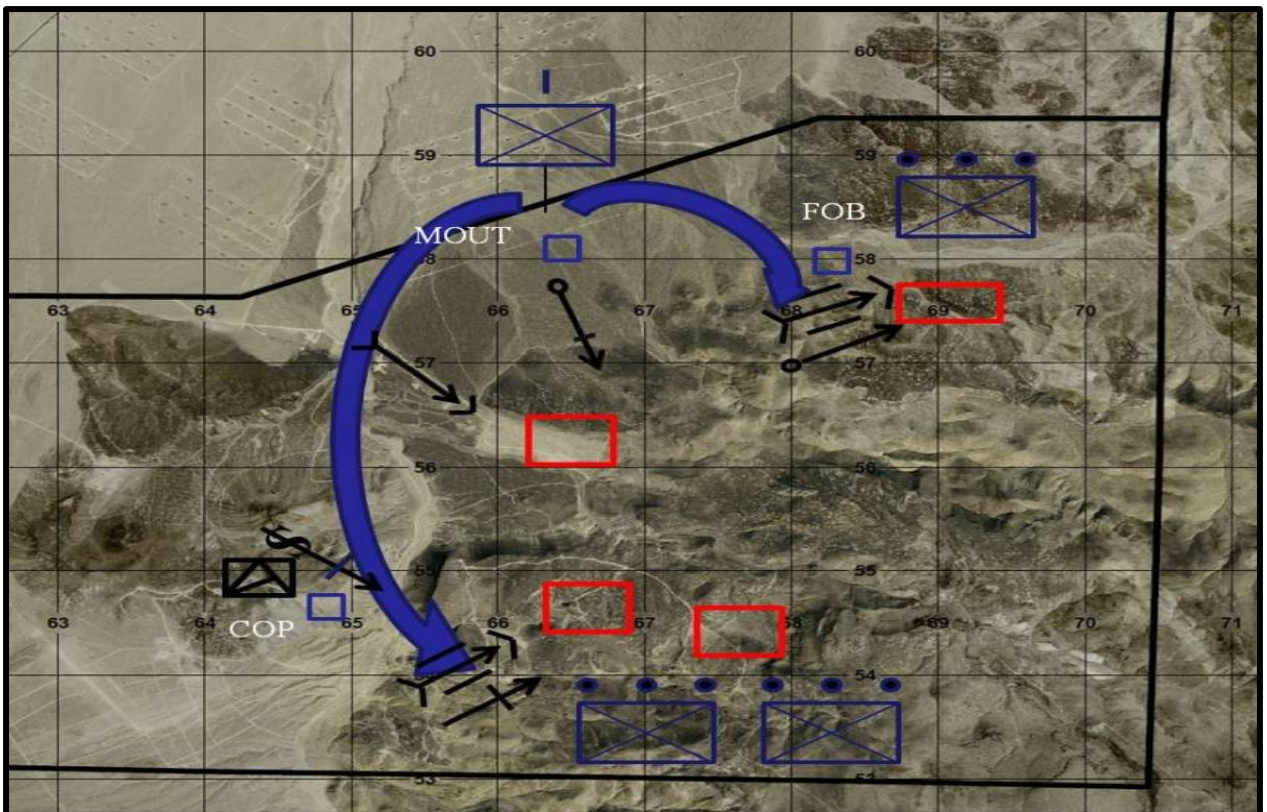
UNCLASSIFIED



Company Combined Live Fire Attack HWAD

The infantry company supported live fire range is located on the LCpl Timothy Carter (Old Bomb) range complex in Hawthorne, NV.

The range includes both sequential and simultaneous events in a complex and disaggregated environment that supports the warfighting functions. The range will support mounted or dismounted maneuver utilizing SIMCAS, mortars, missiles, rockets, precision, and small arms fires.



UNCLASSIFIED



Mountain Warfare Formal Schools



Mountain Warfare Formal Schools Courses

- Summer Mountain Leaders Course
- Winter Mountain Leaders Course_
- Mountain Command And Control Communications Course
- Mountain Ops Staff Planning Course_
- Mountain Scout Sniper Course_
- Mountain Medical Course _
- Cold Weather Medical Course _
- Animal Packer Course_
- Mountain Survival Course
- SOF Horsemanship Course (Pilot) _



UNCLASSIFIED



Future Ops FY 13

Mountain Exercise

Mountain Warfare Formal Schools

- **MX 1-13**
 - (14 Feb -20 Mar)
- **MX 2-13**
 - (26 Mar - 29 Apr)
- **MX 3-13**
 - (30 May - 03 Jul)
- **MX 4-13**
 - (08 Jul - 11 Aug))
- **MX 5-13**
 - (16 Aug - 19 Sep)
- **MX 6-13**
 - (24 Sep - 28 Oct)
- **Winter Mountain Leaders Course**
 - 1-13 (21 Jan 2013 - 01 Mar 2013)
- **Summer Mountain Leaders Course**
 - 1-13 (27 May 2013 - 05 Jul 2013)
 - 2-13 (15 Jul 2013 - 23 Aug 2013)
- **Mountain Command, Control and Communications Course**
 - 1-13 (06 Feb 2013 - 20 Feb 2013)
 - 2-13 (19 Mar 2013 - 02 Apr 2013)
 - 3-13 (21 May 2013 - 04 Jun 2013)
 - 4-13 (25 Jun 2013 - 09 Jul 2013)
 - 5-13 (06 Aug 2013 - 20 Aug 2013)
 - 6-13 (10 Sep 2013 - 24 Sep 2013)
- **Mountain Operations Staff Planners Course**
 - 1-13 (25 Feb 2013 - 04 Mar 2013)
- **Cold Weather Medicine**
 - 1-13 (04 Feb 2013 - 15 Feb 2013)
 - 2-13 (18 Mar 2013 - 29 Mar 2013)
- **Mountain Scout Sniper Course**
 - 1-13 (11 Feb 2013 - 28 Feb 2013)
 - 2-13 (25 Mar 2013 - 11 Apr 2013)
 - 3-13 (27 May 2013 - 13 Jun 2013)
 - 4-13 (01 Jul 2013 - 18 Jul 2013)
 - 5-13 (12 Aug 2013 - 29 Aug 2013)
- **Animal Packer Course**
 - 1-13 (20 May 2013 - 04 Jun 2013)
 - 2-13 (01 Jul 2013 - 16 Jul 2013)
 - 3-13 (12 Aug 2013 - 27 Aug 2013)
 - 4-13 (09 Sep 2013 - 24 Sep 2013)
- **Mountain Survival Course**
 - 1-13 (TBD)
- **Mountain Medicine**
 - 1-13 (20 May 2011 - 31 May 2011)
 - 2-13 (01 Jul 2013 - 12 Jul 2013)
 - 3-13 (25 Aug 2013 - 06 Sep 2013)

UNCLASSIFIED



Summer Mountain Leaders Course

The Summer Mountain Leaders Course is designed to train Marines to become subject matter experts in mountain and alpine operations. These advanced technical skills enable movement, control of fires, intelligence gathering, sustainment, and force protection in highly complex rock and glaciated terrain.



- Conducted twice a year
- 36 Training Days
- Minimum Class Size - 22 students
- Maximum Class Size - 45 students
- Sgt-Capt; Combat Arms MOS



UNCLASSIFIED

Summer Mountain Leaders Course

Training Tasks



- MW-AVAL-2021 Identify Avalanche Terrain
- MW-C2-2035 Apply mountain command and control planning considerations
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLEQ-2047 Manage a Marine Assault Climbers Kit (MACK)
- MW-CLMB-2050 Perform friction belay
- MW-CLMB-2051 Conduct a balance climb
- MW-CLMB-2052 Conduct a top rope climb
- MW-CLMB-2055 Negotiate snow/ice covered terrain
- MW-CLMB-2056 Perform mechanical belay
- MW-CLMB-2060 Conduct a lead climb
- MW-CLMB-2061 Lead climb using aid climbing techniques
- MW-CLMB-2062 Perform a vertical rescue
- MW-CLMB-2063 Conduct a lead climb on steep earth
- MW-CLMB-2064 Manage a fixed rope installation
- MW-CLMB-2066 Record cliff data
- MW-CLMB-2069 Conduct a steep snow/ice climb
- MW-CLMB-2070 Conduct a multi-pitch climb
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2122 Field forecast weather
- MW-ENVR-2123 Determine terrain accessibility
- MW-ENVR-2124 Develop operational risk management (ORM) for mountain/cold weather training
- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations
- MW-FP-2135 Apply force protection considerations for mountain warfare operations
- MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
- MW-MOVE-2171 Conduct field expedient navigation
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2178 Evacuate a casualty
- MW-MOVE-2179 Move over glaciated terrain
- MW-MOVE-2184 Navigate in the mountains
- MW-MOVE-2188 Manage a water obstacle crossing site
- MW-MOVE-2195 Conduct crevasse rescue training
- MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
- MW-SURV-2210 Prepare for survival
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2222 Navigate in a survival situation
- MW-SURV-2223 Perform survival signaling
- MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations
- MW-TRST-2235 Employ ropes
- MW-TRST-2241 Cross a high-tension rope installation
- MW-TRST-2247 Conduct knot tying drills
- MW-TRST-2249 Employ rock protection
- MW-TRST-2250 Construct an anchor
- MW-TRST-2253 Manage a rappel site
- MW-TRST-2254 Tension a rope using mechanical advantage
- MW-TRST-2255 Employ a height-gaining device
- MW-TRST-2256 Manage a high-tension rope installation
- MW-TRST-2257 Manage a raising/lowering system
- MW-TRST-2259 Employ permanent rock protection

UNCLASSIFIED



Winter Mountain Leaders Course

The Winter Mountain Leaders Course is designed to train Marines to become subject matter experts in cold weather operations. These advanced technical skills enable movement, command and control, and execution of fires, intelligence gathering, sustainment, and force protection in complex snow and ice covered terrain.

- Conducted once a year
- 36 Training Days
- Minimum Class Size - 22 students
- Maximum Class Size - 45 students
- Sgt-Capt; Combat Arms MOS



UNCLASSIFIED

Winter Mountain Leaders Course

Training Tasks



- 0321-M16-1009 Engage targets at the sustained rate with a service rifle/carbine
- MW-AVAL-2021 Identify avalanche terrain
- MW-AVAL-2022 Conduct an avalanche search
- MW-AVAL-2023 Assess avalanche terrain
- MW-AVAL-2026 Operate an electronic search device for a single burial
- MW-C2-2035 Apply mountain command and control planning considerations
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
- MW-CLEQ-2044 Employ cold weather tent system
- MW-CLEQ-2048 Maintain ski equipment
- MW-CLMB-2050 Perform friction belay
- MW-CLMB-2056 Perform mechanical belay
- MW-CLMB-2067 Negotiate alpine ice/neve snow terrain
- MW-COMM-2081 Conduct communication planning for mountainous terrain
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2119 Apply snow-covered concealment techniques
- MW-ENVR-2122 Field forecast weather
- MW-ENVR-2123 Determine terrain accessibility

- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations
- MW-FP-2135 Apply force protection planning considerations for mountain warfare operations
- MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2174 Employ skis
- MW-MOVE-2176 Negotiate a snow/ice covered water obstacle
- MW-MOVE-2177 Bivouac in a snow covered environment
- MW-MOVE-2178 Evacuate a casualty
- MW-MOVE-2181 Perform skijoring
- MW-MOVE-2182 Employ a sled
- MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
- MW-SURV-2210 Prepare for survival
- MW-SURV-2212 Construct survival files
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2217 Construct expedient survival implements
- MW-SURV-2222 Navigate in a survival situation
- MW-SURV-2223 Perform survival signaling
- MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations
- MW-TRST-2235 Employ ropes
- MW-TRST-2247 Conduct knot tying drills
- MW-TRST-2250 Construct an anchor

UNCLASSIFIED



Mountain Command, Control and Communications ~~Course~~

The Mountain Command, Control and Communications Course is designed to train communicators in the employment of communications assets in a mountainous environment under all weather conditions. Instruction is provided in wave theory and propagation, field expedient antennas, and retransmission operations, and the advantages/disadvantages of various radio equipment.



- Conducted six times a year
- 15 Training Days
- Minimum Class Size - 28 students
- Maximum Class Size - 50 students
- Not limited to communicators

Training Tasks

- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-COMM-2081 Conduct communication planning for mountainous terrain
- MW-COMM-2082 Manage communications
- MW-COMM-2083 Construct field expedient antennas
- MW-COMM-2084 Install a tactical antenna in mountainous terrain
- MW-COMM-2085 Navigate with a Global Positioning System (GPS)
- MW-COMM-2086 Operate a tactical man pack radio system
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2118 Assess the weather
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2177 Bivouac in a snow covered environment
- MW-MOVE-2178 Evacuate a casualty
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2222 Navigate in a survival situation

UNCLASSIFIED



Mountain Operations Staff Planning Course

This course is designed to aid Marines involved in staff planning to become proficient in planning mountain warfare operations across all six warfighting functions for each MAGTF element.



- Conducted once a year
- 8 Training Days
- Minimum Class Size - 15 students
- Maximum Class Size - 40 students
- SNCOs & Officers in Command &

Training Tasks

- MW-C2-2035 Apply mountain command and control planning considerations
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations
- MW-FP-2135 Apply force protection planning considerations for mountain warfare operations
- MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
- MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations

UNCLASSIFIED



Mountain Scout Sniper Course

The Mountain Scout Sniper Course is designed to train Scout Snipers to be tactically and technically proficient in a mountainous environment. Course subjects include: High Angle fire with the M40A3 sniper rifle, M82A3 Special Application Scoped Rifle (SASR) and M16A2 service rifle; combat marksmanship with the M9 service pistol; range estimation; determining slope angle and flat line distance; effects of vertical and angular distortion; effects of elevation; and effects of extreme weather. Instruction in field craft includes stalking and concealment techniques in a mountainous environment, man tracking, counter-tracking, over snow mobility, mountain communications, and mountain survival.

- Conducted five times a year
- 17 Training Days
- Minimum Class Size - 8 students
- Maximum Class Size - 24 students
- Primary or Billet MOS of 0317



Training Tasks

- MCCS-IND-1005 Maintain physical fitness
- MW-CLEQ-2042 Pack for movement
- MW-CLMB-2051 Conduct a balance climb
- MW-CLMB-2053 Conduct a fixed lane climb
- MW-CLMB-2066 Record cliff data
- MW-ENVR-2118 Assess the weather
- MW-ENVR-2120 Resolve leadership challenges
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2174 Employ skis
- MW-MOVE-2175 Negotiate a water obstacle
- MW-MOVE-2184 Navigate in the mountains
- MW-SURV-2224 Perform tracking
- MW-TRST-2236 Tie knots
- MW-TRST-2237 Tie hitches
- MW-TRST-2238 Tie an improvised harness
- MW-TRST-2243 Conduct a rappel
- MW-TRST-2246 Manage employment
- 0300-M16-1026 Engage targets with the service rifle/carbine at unknown distances
- 0300-M9-2003 Engage targets with the service pistol
- 0317-MARK-2003 Engage targets at an angle
- 0321-M16-1009 Engage targets at the sustained rate with a service rifle/carbine
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2120 Resolve leadership challenges
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2224 Perform tracking

UNCLASSIFIED



Mountain Medicine Course

The Mountain Medicine Course is designed to give the students the knowledge to move a casualty in a summer mountainous environment without vehicle or air support; to become a proficient medical provider in a cold weather, high altitude environment; and to plan and conduct medical operations in a high altitude summer mountain environment.

- Conducted three times a year
- 12 Training Days
- Minimum Class Size - 10 students
- Maximum Class Size - 40 students
- Not limited to medical personnel



Training Tasks

- | | |
|---|--|
| ▪ FMST-EVAC-2714 Conduct cold weather CASEVAC | ▪ MW-CLEQ-2042 Pack for movement |
| ▪ FMST-FP-2722 Perform cold weather preventative medicine | ▪ MW-CLMB-2052 Conduct a top rope climb |
| ▪ FMST-HSS-2701 Apply the principles of nutrition in a mountainous environment | ▪ MW-CLMB-2056 Perform mechanical belay |
| ▪ FMST-HSS-2703 Manage common cold weather injuries in a cold weather environment | ▪ MW-ENVR-2115 Overcome leadership challenges |
| ▪ FMST-HSS-2704 Manage a hypothermia casualty | ▪ MW-ENVR-2116 Implement the principles of mountain safety |
| ▪ FMST-HSS-2705 Manage a submersion incident casualty | ▪ MW-ENVR-2122 Field forecast weather |
| ▪ FMST-HSS-2706 Manage high altitude health problems | ▪ MW-MOVE-2188 Manage a water obstacle crossing site |
| ▪ MW-ANPK-2006 Perform first aid on an injured animal | ▪ MW-TRST-2235 Employ ropes |
| ▪ MW-AVAL-2021 Identify avalanche terrain | ▪ MW-TRST-2247 Conduct knot tying drills |
| ▪ MW-CLEQ-2041 Employ personal clothing and equipment | ▪ MW-TRST-2250 Construct an anchor |
| | ▪ MW-TRST-2253 Manage a rappel site |
| | ▪ MW-TRST-2256 Manage a high-tension rope installation |
| | ▪ MW-TRST-2257 Manage a raising/lowering system |

UNCLASSIFIED



Cold Weather Medicine Course

The Cold Weather Medicine Course is designed to give the students the knowledge needed to support their units in a cold weather, mountainous environment. This course of instruction is designed to bring the students to a high standard of technical, tactical and medical proficiency peculiar to a cold weather environment.

- Conducted two times a year
- 12 Training Days
- Minimum Class Size - 10 students
- Maximum Class Size - 50 students
- Not limited to medical personnel



Training Tasks

- FMST-EVAC-2714 Conduct cold weather CASEVAC
- FMST-FP-2722 Perform cold weather preventive medicine
- FMST-HSS-2701 Apply the principles of nutrition in a mountainous environment
- FMST-HSS-2702 Perform patient assessment in a mountainous environment
- FMST-HSS-2703 Manage common cold weather injuries in a cold weather environment
- FMST-HSS-2704 Manage a hypothermia casualty
- FMST-HSS-2705 Manage a submersion incident casualty
- FMST-HSS-2706 Manage high altitude health problems
- MW-AVAL-2021 Identify avalanche terrain
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
- MW-CLEQ-2044 Employ the cold weather tent system
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2174 Employ skis
- MW-MOVE-2182 Employ a sled

UNCLASSIFIED



Animal Packers Course

The Animal Packers Course is designed to aid Marines to become more effective in a mountainous environment utilizing alternative methods for transporting crew served weapons, ammunition, supplies, and wounded personnel to and from areas inaccessible to motorized/ mechanized and air mobile transportation.

- Conducted four times a year
- 12 Training Days
- Minimum Class Size - 12 students
- Maximum Class Size - 48 students
- No course pre-requisites



Training Tasks

- MW-ANPK-2001 Perform the duties of the packmaster
- MW-ANPK-2003 Perform the duties of the handler
- MW-ANPK-2004 Select a pack animal for military operations
- MW-ANPK-2005 Employ tack required for animal packing
- MW-ANPK-2006 Perform first aid on an injured animal
- MW-ANPK-2007 Distribute the weight on a pack animal
- MW-ANPK-2008 Secure a load to a pack animal
- MW-ANPK-2009 Prepare a CASEVAC saddle
- MW-ANPK-2010 Negotiate obstacles with pack animals
- MW-ANPK-2011 Establish a bivouac site with a pack string
- MW-ANPK-2012 Employ a pack animal
- MW-ANPK-2013 Plan for the employment of pack animals

UNCLASSIFIED



Mountain Survival Course

The Mountain Survival Course is designed to teach Marines necessary survival techniques in order to prevail in a mountainous environment. Skills taught are: expedient fires, expedient shelters, signaling devices, food and water procurement, primitive tool and weapons construction, navigation and other survival techniques. Great emphasis is placed on mental attitude as the key to survival. Students are placed in a high-stress situation and apply survival skills in groups and individual

- Conducted once a year
- 20 Training Days
- Minimum Class Size - 12 students
- Maximum Class Size - 44 students
- No course pre-requisites



Training Tasks

- MCCS-IND-1005 Maintain physical fitness
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2122 Field forecast weather
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2175 Negotiate a water obstacle
- MW-SURV-2210 Prepare for survival
- MW-SURV-2211 Construct a personal survival kit
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2215 Acquire game
- MW-SURV-2216 Procure fish
- MW-SURV-2217 Construct expedient survival implements
- MW-SURV-2218 Subsist on plants
- MW-SURV-2219 Subsist on insects
- MW-SURV-2220 Prepare food for consumption
- MW-SURV-2221 Apply survival medicine techniques
- MW-SURV-2222 Navigate in a survival situation
- MW-SURV-2223 Perform survival signaling
- MW-SURV-2224 Perform tracking

UNCLASSIFIED



SOF HORSEMANSHIP CONCEPT COURSE

The Special Operations Forces horsemanship concept course

is designed to prepare SOF to be tactically and technically proficient in utilizing horses and pack stock in a mountainous environment to extend dismounted operations and provide an alternative means of sustainment in complex, compartmentalized, and mountainous terrain.

Course subjects include:

Tack and equipment, Animal Handling, Grooming and Saddling,

Three hitches for packing, Animal conformation,

Basic first aid, basic seat position, movement on horseback, Bivouac in a



field environment, route planning considerations, Day and night

movement considerations

- Concept Course
- 09 Training Days **UNCLASSIFIED**
- Minimum Class Size - 8 students



Joint National Training Capability (JNTC)



Emphasis is placed on the integration of Joint, Coalition, and Special Operations forces within the MAGTF and the Joint training context during the execution of Mountain Exercise

Conditionally Accredited (Jan 08) by JFCOM JWFC to conduct UJTL training in three task areas:

- OP 6.5.5 Integrate Host Nation Security Forces and Means (FID)
- TA 5 Exercise Command and Control
- TA 6.2 Execute Personnel Recovery Operations

Objectives:

- Incorporate SOCOM forces into each MTNEX.
- Incorporate joint UAS platforms into each MTNEX.
- Incorporate joint assault support into each MTNEX.
- Gain additional conditional accreditations.
- Incorporate Mountain Operations task into UJTL.





Operations & Training Point of Contacts

- Operations Officer: (760) 932-1440
- Deputy Operations Officer: (760) 932-1451
- Operations Chief: (760) 932-1442
- Future Operations: (760) 932-1452
- Air Officer: (760) 932-1445
- Intelligence SNCO: (760) 932-1444
- JNTC Representative: (760) 932-1456
- Formal Schools OIC: (760) 932-1448
- Formal Schools SNCOIC: (760) 932-1666
- Unit Training Group OIC: (760) 932-1405
- Unit Training Group AOIC: (760) 932-1561
- Unit Training Group Operations Chief: (760) 932-1476

DSN: 839-XXXX

UNCLASSIFIED



**“We will better educate
and train our Marines to
succeed in distributed
operations and
increasingly complex
environments.”**

General James F. Amos

35th Commandant of the Marine Corps

Commandant's Planning Guidance

October 2010

UNCLASSIFIED